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DATE: October 4, 2004

TO: Commissioner For Patents

FROM: Kelly J. Williamson
Patent Agent

In re:	Kappes <i>et al.</i>	Confirmation No.:	1101
Appl. No.:	10/019,644	Group No.:	1648
Filed:	7/29/02	Examiner:	B. Li
For:	RETROVIRAL RECOMBINATION ASSAYS AND USES THEREOF		

Attachments:

Request for three month extension (1 page)
Amendment Cover(2 pages)
Amendment (18 pages)

NO. OF PAGES: 22
(Including cover page)

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CLIENT/MATTER: 044276/242574
REQUESTED BY: Pam Lockley

FAX NUMBER: (703) 872-9306

VOICE NUMBER:

Attorney's Docket No. 044276/242574

PATENT

In re: Kappes *et al.*
 Appl. No.: 10/019,644
 Filed: 7/29/02
 For: RETROVIRAL RECOMBINATION ASSAYS AND USES THEREOF

Confirmation No.: 1101
 Group Art Unit: 1648
 Examiner: B. Li

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Commissioner for Patents
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Transmitted herewith is an AMENDMENT in the above-identified patent application.

Applicant claims small entity status. See 37 CFR §1.27.
 No additional fee is required.

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(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
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INDEP	* 2	*** 5	= 0	X 43=	\$	X 86=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+145=	\$	+290=	\$
				TOTAL ADD FEE \$		OR TOTAL	\$

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

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In re: Kappes *et al.*
Appl. No. 10/019,644
Filed: 7/29/02
Atty. Dock. No.: 044276/242574
Page 2

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0605.

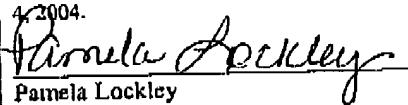
Any additional filing fees required under 37 C.F.R. § 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,



Kelly J. Williamson
Patent Agent
Registration No. 47,179

<p>Customer No. 00826 ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Raleigh Office (919) 862-2200 Fax Raleigh Office (919) 862-2260</p>	<p>CERTIFICATE OF FACSIMILE TRANSMISSION</p> <p>I hereby certify that this paper is being facsimile transmitted to the US Patent and Trademark Office, at FAX No. 703-872-9306 on October 4, 2004.</p> <p> Pamela Lockley</p>
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/019,644 Confirmation No.: 1101
Applicant(s): Kappes *et al.*
Filed: 07/29/02
Art Unit: 1648
Examiner: B. Li
Title: RETROVIRAL RECOMBINATION ASSAYS AND USES THEREOF
Docket No.: 044276/242574 (5854-6)
Customer No.: 00826

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT
37 C.F.R. § 1.121

Sir:

In response to the Office Action dated April 5, 2004, Applicants respectfully request reexamination and reconsideration of the above-identified application in view of the following amendments and remarks. The Examiner is respectfully requested to enter the following amendments.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 5 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Appendix A is attached following page 18 of this paper.